



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित

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No. 7]

NEW DELHI, SATURDAY, FEBRUARY 18, 1995 (MAGHA 29, 1916)

इस माग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह असाग संकलन के रूप में रखा जा सके  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

### भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं विर शोटिस  
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Calcutta, the 18th February 1995

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पेटैंट कार्यालय  
एकस्व तथा अभिकल्प  
कलकत्ता दिनांक 18 फरवरी 1995

पेटैंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार पेटैंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा दम्भूर्द्ध, दिल्ली एवं मद्रास में इसके शास्त्र कार्यालय हैं, जिनके प्रावर्तनिक क्षेत्राधिकार जोन के भागां पर निम्न रूप में वर्णित हैं :—

पेटैंट कार्यालय शास्त्र, टोडी इस्टटेट,  
ग्रीन टल. लोडर परले (पश्चिम),  
दम्भूर्द्ध-400013।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य  
क्षेत्र एवं संघ शासित क्षेत्र गोआ, दमन तथा  
दीच एवं बाहरा और नगर हवेली।

तार पता—“पेटैंटफिस”

पेटैंट कार्यालय शास्त्र,  
एकल में 401 से 405, सीसरा तल,  
नगरामिलका बाजार भवन,  
मरम्मती मार्ग, करोल बाग  
दम्भूर्द्ध दिल्ली-110005।

उत्तराखण्ड, उत्तर प्रदेश, उत्तराखण्ड क्षेत्री,  
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों  
एवं संघ शासित क्षेत्र अंडमान तथा दिल्ली।

तार पता—“पेटैंटोफिक्स”

**APPLICATION FOR PATENT FILED AT THE HEAD OFFICE, 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20.**

The dates shown in the present branch are the dated claimed under section 135, of the Patent Act, 1970.

20-12-1994.

1058/Cal/94. (1) Helmut Bacher, (2) Helmut Schulz, (3) Georg Wendelin. Apparatus for processing thermo-plastic synthetic plastics material.

1059/Cal/94. Thomson Consumer Electronics, Inc. Memory for processing a program guide as for a satellite TV service. (Convention No. 9400101.3 dated 05th January, 1994; Great Britain).

1060/Cal/94. Thomson Consumer Electronics, Inc. Smart Card message transfer without microprocessor intervention.

1061/Cal/94. (1) Nukem GmbH, (2) Rieter Automatik GmbH. Method and device for the manufacture of particles consisting of plastic.

1062/Cal/94. PPG Industries, Inc. Durable coating composition, process for producing durable antireflective coatings, and coated articles.

1063/Cal/94. The Babcock & Wilcox Company. Low NO<sub>x</sub> integrated Boiler-Burner apparatus.

21-12-1994.

1064/Cal/94. Balram Singh. Building without foundation at low cost and in short time.

पेटैंट कार्यालय शास्त्र,  
61, बालाजाह रोड,  
मध्य-600002।

\* गुजरात, कर्नाटक, केरल, तमिलनाडु राज्य  
क्षेत्र एवं संघ शासित क्षेत्र पाञ्जाबरी, लक्ष्मीपुर,  
मिनिकाय तथा एमिनिकिवि द्वीप।

तार पता—“पेटैंटफिस”

पेटैंट कार्यालय (प्रधान कार्यालय),  
निजाम पेलेस, दिवतीय बहु-स्तरीय कार्यालय,  
भवन 5, 6 तथा 7वां तल,  
234/4, आचार्य जगदीश बोस रोड,  
कलकत्ता-700020।

भारत का अवशेष क्षेत्र।

तार पता—“पेटैंटहस”

पेटैंट अधिकारियम, 1970 या पेटैंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सूचनाएँ, विवरण या अन्य प्रलेख पेटैंट कार्यालय के कोलेक्शन उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे।

गल्क :—गल्कों की अदायगी या तो नकद की जाएगी अद्वा नप्रब्रह्म कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक डादेश या जहाँ उपयुक्त कार्यालय अवस्थित है; उस स्थान के उत्सवित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है।

1065/Cal/94. Combustion Engineering, Inc. Internal circulation fluidized bed (ICFB) combustion system and method of operation thereof.

1066/Cal/94. Mitsui Toatsu Chemicals, Incorporated. Quality control method for ABS-based resin and moulding of the ABS-based resin.

1067/Cal/94. Johnson & Johnson Medical, Inc. Calcium-modified oxidized cellulose hemostat.

1068/Cal/94. Ishikawajima-Harima Heavy Industries Company Limited and BHP Steel (JLA) Pty Ltd. Casting mild steel strip.

1069/Cal/94. The Babcock & Wilcox Company. Low NO<sub>x</sub> integrated Boiler-Burner Cogeneration apparatus.

1070/Cal/94. The Babcock & Wilcox Company. HRSG Boiler design with air staging and gas return.

23-12-1994.

1071/Cal/94. Kabushiki Kaisha Nihon Pipe conveyor kenkyusho. A Tubular belt conveyor.

1072/Cal/94. Vijay Kumar Choudhury and Sujata Choudhury. Improvements in or relating to scalp vein set.

1073/Cal/94. Technovation Engineers Pvt. Ltd. Improved belt scraper system.

1074/Cal/94. Vijay Kumar Choudhury and Sujata Choudhury. Improved intravenous (I.V.) Cannula.

1075/Cal/94. Vijay Kumar Choudhury and Sujata Choudhury. Improvements in or relating to needle device for use in a syringe.

26-12-1994.

- 1076/Cal/94. Goldstar Co. Ltd. Thawing control apparatus and method for microwave oven.
- 1077/Cal/94. Hudson Products Corporation. Heat pipe heat exchanger.
- 1078/Cal/94. Witten Ag. Method and milling tool to make deep grooves in a workpiece, especially in rotors of generators and turbines.
- 1079/Cal/94. Hoechst Aktiengesellschaft. Process for the preparation of vinyl chloride.
- 1080/Cal/94. Philips Petroleum company. Process for stabilizing olefin production catalyst system.
- 1081/Cal/94. E.I. Du Pont De Nemours and Company. Attrition resistant zeolite catalysts for production of methylamines in fluidized bed reactors.
- 1082/Cal/94. Wires & Fabriks (S.A.) Ltd. Double layered fabric.
- 1083/Cal/94. Bosch-Siemens Hausgeräte GmbH. Method to determine the mass of wet laundry in a washing drum.
- 1084/Cal/94. Siemens Aktiengesellschaft. Process for operating a waste-heat steam generator and waste-heat steam generator working accordingly.
- 1085/Cal/94. Arco Chemical Technology, L.P. Epoxidation process and catalyst therefor.
- 1086/Cal/94. Wires & Fabriks (S.A.) Ltd. Triple layer fabric.

28-12-1994.

- 1087/Cal/94. Raymond Riche. A performance meter taking into account trip parameters (equivalent cyclo-computer).
- 1088/Cal/94. Goldstar Co. Ltd. A hexagonal molecular structure water manufacturing apparatus and a method thereof.
- 1089/Cal/94. Goldstar Co. Ltd. Method of preventing No-Load operation of Microwave oven.

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of the date as prescribed in Rule-36 of the Patents Rules, 1972.

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## संनिवेश सम्बूद्ध विनिवेश

एतद्वारा यह सूचना दी जाती है कि सम्बुद्ध आवेदनों में से किसी पर पेटेंट अनुबान का विरोध करने के इच्छुक कोई व्यक्ति, इसके विरोध की तिथि से भार(4) महीने या अधिक एसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रक्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियमक, एकस्त को उपयुक्त कार्यालय के एसे विरोध की सूचना विहित प्रक्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में व्याख्याविहित इसकी तिथि के एक महीने के भीतर ही काइल किए जाने चाहिए।

"प्रत्येक विनिवेश के संबंध में नीचे विए वर्गीकरण, भारतीय वर्गीकरण तथा अंतरराष्ट्रीय वर्गीकरण के अनुरूप है।"

रूपांकन (चित्र आदेष्टों) की फोटो प्रतियां यदि क्रोड़ प्र०, वे साथ विनिवेशों की टॉकिस अथवा कोटों प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शास्त्र कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से प्रव्यवहार द्वारा सूचिष्ठत करने के उपरान्त उसकी असाध्यगी पर की जा सकती है। विनिवेश की पृष्ठ संस्था के साथ प्रत्येक स्वीकृत विनिवेश के साथसे नीचे विविहित लिप्यान्तरण कागजों को जोड़कर उसे 2 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का नीतिलव लिया जा सकता है।

Cl. 132-C. &amp; 136-E.

174691

Int. Cl. B 29 B, 17/00.

## "APPARATUS FOR RECLAMING PLASTIC".

Applicant & Inventor : WOLFGANG PRIESEMUTH OF POSTKAMP 13, 2210 BREITENBURG-NORDOE, WEST GERMANY.

Applcation No: 630/Cal/1989; filed on 03rd August, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

10 claims.

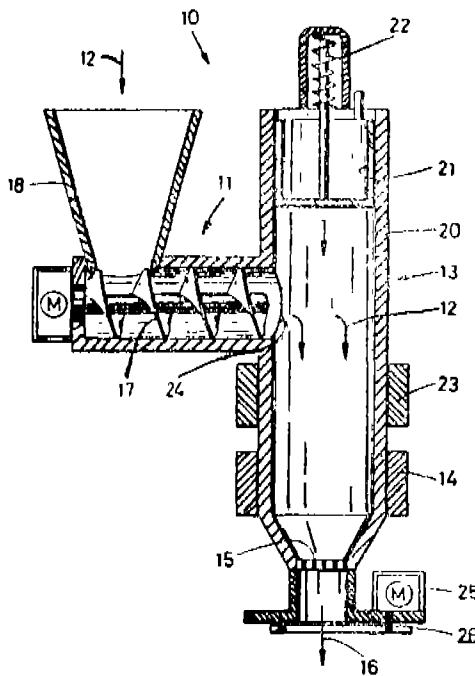
An apparatus for reclaiming plastic, comprising :

A feed-mechanism for receiving plastic waste and conveying it further;

A compaction mechanism held to the discharge end of said feed mechanism for receiving said plastic waste, said compaction mechanism being provided with means to compact said plastic waste;

first heating means provided with said compaction means for supplying heat for heating said plastic waste located therein; and

a perforated disk disposed at a discharge location of said compaction mechanism for the discharge of compacted and heated-up plastic waste therefrom as reclaimed plastic.



Compl. specn. 16 pages.

Drgns. 2 sheets.

Cl. 77-A - XI (1) & 83 - A-2-XIV (5)

172692.

Int. Cl. C 07 C 67/00; A 23 L 1/00.

#### "PROCESS FOR MAKING ALL VEGETABLE OIL/FAT COMPOSITION FOR INFANT FORMULAS".

Applicant : AMERICAN HOME PRODUCTS CORPORATION, OF 685, THIRD AVENUE, NEW YORK, NEW YORK 10017, UNITED STATES OF AMERICA.

Inventor : RUDOLPH MICHAEL TOMARELLI.

Application No. 323/Cal/1992; filed on 12th May, 1992.

(Convention No. 3988/89; filed on 13-12-1989; Ireland)  
[Divided out of No. 833/Cal/1990; antedated to 28-09-1990]

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

17 claims.

A process of making an all vegetable oil fat composition particularly for use in a nutritionally complete preterm (or low birth weight infant formula, which process comprises blending

- 10-30%, calculated on the weight of the fat composition, or one or two palmitic acid oils selected from randomized palm oil or randomized palm olein oil;
- 8-30%, calculated on the weight of the fat composition, of one or more lauric acid oils selected from coconut oil, babassu oil and palm kernel oil;
- 8-30%, calculated on the weight of the fat composition of one or more oleic acid oils selected from olive oil, safflower oleic oil, sunflower oleic oil, and canola oil;
- 10-25%, calculated on the weight of the fat composition of one or more linoleic acid oils selected

from corn oil, cottonseed oil, safflower oil, soybean oil, and sunflower oil; and

- 10-30%, calculated on the weight of the fat composition of medium chain triglycerides (MCTs), the amounts of the oils being such that the fat composition contains, per 100 parts by weight of total fatty acids present as triglycerides,
  - 8-34 parts of caprylic acid;
  - 4-16 parts of capric acid;
  - 7-16 parts of palmitic acid;
  - 19-35 parts of oleic acid; and
  - 9-18 parts of linoleic acid.

Comph. specn. 19 pages.

Drgn. Nil

Cl. 40 A & E

172693.

Int. Cl. B 01 J 23/70, 23/76, 23/85.

#### "A PROCESS FOR HYDROCARBON REFORMING"

Applicant : UNITED CATALYSTS INC. OF LOUISVILLE, KENTUCKY 40232, UNITED STATES OF AMERICA.

Inventor : (1) DUNAH CHIEN YING HUNG HUANG,  
(2) JEFFREY LYNN BRADEN.

Application No. 415/Cal/1992; filed on 11th June, 1992.

[Divided out of No. 81/Cal/89; antedated to 25th January, 1989].

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

3 claims.

An improved process for hydrocarbon reforming using steam and a high temperature shift conversion catalyst as disclosed in the parent application no. 81/Cal/89 (172392) wherein the reforming step is conducted at a steam to carbon ratio of less than 3, the improvement which comprises conducting the high temperature shift reaction using an iron oxide chrome oxide catalyst having from 0.2 to 10 weight percent copper oxide on the surface of the catalyst.

Cl. 55 E - XIX (1)

174694.

Int. Cl. A 61 K 9/20.

#### "A PROCESS FOR THE MANUFACTURE OF A CONTROLLED RELEASE UNCOATED TABLET".

Applicant : UPSHER-SMITH LABORATORIES, INC. OF 14905 23RD AVENUE NORTH, MINNEAPOLIS, MINNESOTA 55447, UNITED STATES OF AMERICA.

Inventors : (1) KENNETH L EVENSTAD, (2) KULDIP R MALHOTRA, (3) VICTORIA A O'NEILL.

Application No. 418/Cal/1992; filed on 15th June, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

25 claims.

A process for the manufacture of a controlled release uncoated tablet comprising :

granulating and mixing about 5-30 percent by weight of hydroxypropyl methylcellulose with sustaining properties about 2-20 percent by weight of a hydrophobic component such as hereindescribed and a medicament having a solubility of about 0.1 to 30 percent in water 25°C. in predetermined amount with about 2-15 percent by weight of an aqua solution of a pharmaceutical binder such as hereindescribed;

followed by drying and sizing of said mixture by conventional techniques to obtain said mixture in tablet form with its constitution having a dissolution profile with a substantially zero order absorption characteristic of about 10 to 35 per cent within two hours of ingestion.

Compl. specn. 29 pages.

Drgns. 2 sheets.

Cl. 55 E 4

174695.

Int. Cl.<sup>4</sup> A 61 K 35/78.

"PROCESS FOR THE PREPARATION OF ACTIVE PRINCIPLE FOR TREATMENT OF DIABETIS AND PHARMACEUTICAL COMPOSITIONS THEREOF".

Applicant & Inventor TARAKESWAR CHAKRABORTY OF LALDIGHI WEST SIDE, G. T. ROAD, CHANDERNAGORE-712136, DISTT. HOOGHLY, WEST BENGAL, INDIA.

Application No. 521/Cal/1992; filed on 22nd July, 1992

Complete specification left on 16th July, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 claims.

A process for the manufacture of anti-diabetic agent from *Gymnema sylvestra* leaves by water extraction characterized in that the cleaned leaves are subjected to extraction in hot water at temperature in the range of 50° to 85° C at a pH of 6.0 to 7.0 in the presence of preservative selected from sodium benzoate and chloroform, whereafter the extracted water is subjected to evaporation and concentration to obtain a gummy mass containing the active principle, at sub-atmospheric or atmospheric pressure.

Compl. specn. 16 pages.

Drgns. 1 sheet.

provn. specn. 11 pages.

Drgns. 1 sheet.

Cl. 201 C.

174696.

Int. Cl.<sup>4</sup> C 02 F 3/32.

"A WASTEWATER TREATMENT APPARATUS USING FLOATING AQUATIC PLANTS".

Applicant : THE LEMNA CORPORATION, OF 1408 NORTHLAND DRIVE 102, MEADOTA HEIGHTS, MINNESOTA 55120, UNITED STATES OF AMERICA.

Inventors : (1) VIET HUNG NGO, (2) WARREN DAVID POOLE, (3) SEAN JEROME HANCOCK, (4) TIMOTHY THOMAS FRANCE.

Application No. 772/Cal/1992; filed on 22nd October, 1992.

(Divided out of No. 236/Cal/89; antedated to 27th March, 1989)

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 claims.

A wastewater treatment apparatus using floating aquatic plants, comprising :

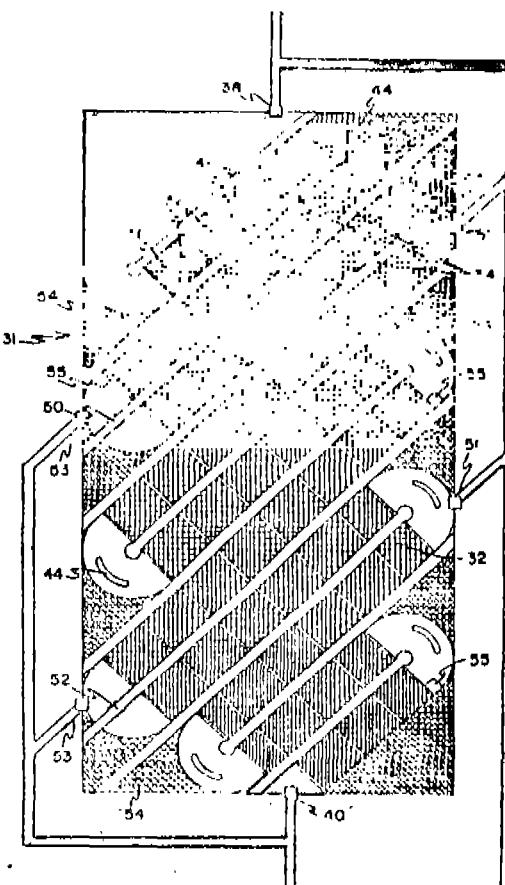
a wastewater inlet;

a plurality of dividing walls forming a winding channel receiving wastewater from the wastewater inlet, the channel generally defining a flow path for the wastewater and having a length along the flow path and a width generally transverse to the flow path;

an outlet for removing water from the channel;

a floating grid system substantially covering the water surface forming a series of plant containment zones; and

floating aquatic plants deployed on the surface of the water in the containment zones.



Compl. specn. 26 pages.

Drgns. 13 sheets.

Cl. 32 F1, F2, 55F.

174697

Int. Cl.<sup>4</sup> A 61 K 31/435 C 07 D 221/10.

"THE PROCESS FOR PREPARING TETRAHYDRO-PROTOBERBERINE QUATERNARY AMMONIUM COMPOUNDS".

Applicant : CHINA PHARMACEUTICAL UNIVERSITY OF NO. 24 TONG JIA XIANG, NANJING PEOPPLES REPUBLIC OF CHINA AND NEW DRUGS RESEARCH AND ADMINISTRATION CENTER STATE PHARMACEUTICAL ADMINISTRATION OF NO. 38 BEI 11 SI JIA, BEIJING PEOPLE'S REPUBLIC OF CHINA.

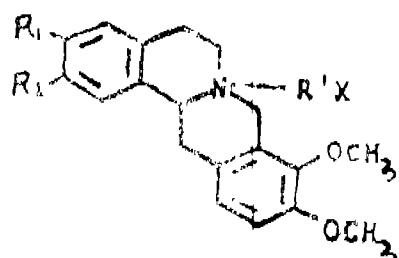
Inventors : (1) PENG SIXUN, (2) DAI DEZAI, (3) HUANG ZHENYA, (4) HUANG WENLONG, (5) WANG YOUQUN, (6) ZHANG CAN, (7) YU FENG.

Application No. 764/Cal/1992; filed on 20th October, 1992.

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

5 claims

A process of producing a tetrahydroprotoberberine quaternary ammonium compound of the formula



Wherein R<sub>1</sub> and R<sub>2</sub>, in Compounds II 1-13, are respectively independent CH<sub>2</sub>O-, or, in Compounds I 1-13, may be taken together with the adherent carbons to form a ring represented by the structure , R' and X are shown in the following table:

COMPOUND No.	R'	X
I 1, II 1	-CH <sub>3</sub> ,	I
I 2, II 2	-C <sub>6</sub> H <sub>5</sub> ,	Br
I 3, II 3	-CH <sub>2</sub> CH=CH,	Br
I 4, II 4	-CH <sub>2</sub> COOC <sub>6</sub> H <sub>5</sub> ,	Br
I 5, II 5	-CH <sub>2</sub> CH <sub>2</sub> OH	Cl
I 6, II 6		Cl
I 7, II 7		Br
I 8, II 8		Br
I 9, II 9		Br
I 10, II 10		Br
I 11, II 11		Br
I 12, II 12		Cl
I 13, II 13		Cl

which comprises

(1) reducing protoberberine by potassium borohydride in a conventional manner to form tetrahydroprotoberberine; and

(2) reacting tetrahydroprotoberberine with the excess suitable halohydrocarbon such as herein described at heating at a temperature such as herein described, optionally in the presence of an organic solvent, to produce tetrahydroprotoberberine quaternary ammonium compounds.

Compl. Specn. 26 pages

Drgns. 13 sheets

Cl. 59 E<sup>4</sup>

174698.

Int. Cl. A 61K 45/00.

**"A PROCESS OF PREPARING A HOMOEOPATHIC MEDICINAL COMPOSITION".**

Applicant & Inventors : DR. NANIGOPAL JANA, OF M/S. JANA HOMEO PHARMACY & LABORATORY, BHETENDA RAJARHAT, NORTH 24 PARGANAS, PIN : 743 510. WEST BENGAL, INDIA.

Application No. 249/Cal/1993; filed on 03rd May, 1993.

Appropriate office for opposition Proceedings (Rule 4 Patents rule 1972) Patent Office, Calcutta.

**2 claims.**

A process of preparing a homoeopathic medicinal composition comprising, mixing liquid mother extracts of Belladonna, Berberis Vulgaris, Carduus marianus, Compositus americanus, Chelidonium majus, China, Chionanthus virginicus, Nux Vomica, Sarsaparilla, Urtica urens and each of aqueous solutions upto 6% of 3x trituration of Arsenicum album, calcarea carbonica, Mercurius solubilis, Natrum muriaticum, Natrum sulphuricum; and Cuprum sulphuricum (25%) aqueous solution) together in equal proportions by volume at room temperature, stirring for at least 15 minutes, allowing the said mixture to settle for at least 30 minutes, filtering the said mixture to have the final composition and optionally sweetening as per taste with a sweetener known in the art.

Compl. Specn 10 pages

Drgns. Nil.

Cl. 39. E.

174699.

Int. Cl. C 02 C 3/00.

**"A PROCESS FOR THE PRODUCTION OF A SUSPENSION OF CYANURIC CHLORIDE IN AQUEOUS LIQUIDS, MORE PARTICULARLY IN WATER".**

Applicant : DFGUSSA AKTIENGESELLSCHAFT, OF 6000 FRANKFURT AM MAIN, WEISSE FRAUENSTRASSE 2, FEDERAL REPUBLIC OF GERMANY.

Inventors (1) RUDOLPH VANHEERTUM, (2) RICHARD HANDEMIRK, (3) NORBERT KRIBBITZSCH, (4) FRANCOIS VAN DE WELDE, (5) RUDIGER SCHIRRMAHER.

Application No. 379/Cal/1993; filed on 02nd July, 1993.

Appropriate office for opposition Proceedings (Rule 4 Patents rule 1972) Patent Office, Calcutta.

**7 claims.**

A process for the production of a suspension of cyanuric chloride in an aqueous liquid, more particularly in water, the aqueous liquid optionally containing, in addition to water-dissolved organic solvents as herein described and/or reactant selected from amines or ammonia for the further reaction of the suspended cyanuric chloride formed by spraying molten cyanuric chloride into the above-mentioned aqueous liquid, optionally already containing suspended cyanuric chloride, using a known spray arrangement comprising a spray nozzle dipping

into the aqueous liquid and maintaining a temperature of 0 to 5°C in the suspension, characterized in that the spray nozzle is always immersed in the aqueous liquid even during the start and stop phases, and superheated steam is passed through the spray arrangement which come into contact with molten cyanuric chloride immediately before and after the spraying process.

Compl. specn. 16 pages.

Drgns. 4 sheets.

Cl. 167 A.

174700

Int. Cl. B 01 D, 36/04.

**"A DISCHARGE RESTRICTOR FOR A FLOW-THROUGH IMPINGEMENT TYPE SOLIDS COLLECTOR".**

Applicant : THE BABCOCK & WILCOX COMPANY, OF P. O. BOX 60035, 1010 COMMON STREET, NEW ORLEANS, LOUISIANA 70160, U. S. A.

Inventors : (1) FELIX BELIN, (2) DAVID JUDSON WALKER.

Application No. 382/Cal/1993; filed on 02nd July, 1993. [Divided out of No. 869/Cal/89; antedated to 19-10-1989].

Appropriate office for opposition Proceedings (Rule 4, Patents rule 1972) Patent Office, Calcutta.

**11 claims.**

A discharge restrictor for a flow-through impingement type solids collector comprising :

a. a rod pivotally secured to the lower end region of a generally vertically supported impingement member, said rod extending between spaced flanges of said member;

b. a baffle plate rigidly secured to and bent around said rod, said baffle plate rotatable between select open and closed positions;

c. a first portion of said baffle plate being sized to closely fit between said flanges and within the enclosed area of said member;

d. a second portion of said baffle plate configured to extend beyond said flanges and outside the enclosed area of said member;

e. a stop secured to said second portion of said baffle plate and configured to stop the rotation of said baffle plate and said rod;

f. bias means for normally biasing said baffle plate in the said closed position wherein said first portion of said baffle plate essentially blocks all but a slight portion of the enclosed area of said member; and,

g. pivoting means for alternately pivoting said baffle plate between said closed position and said open position thereby alternately blocking and unblocking the said enclosed area of said member.

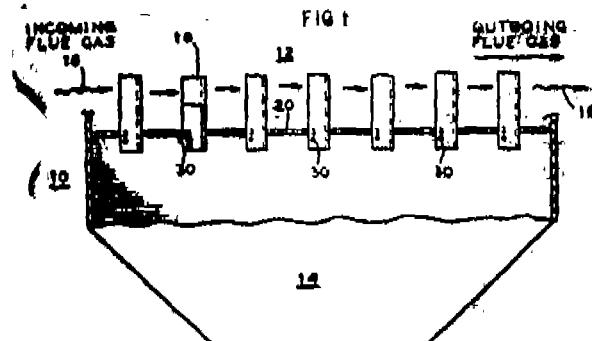
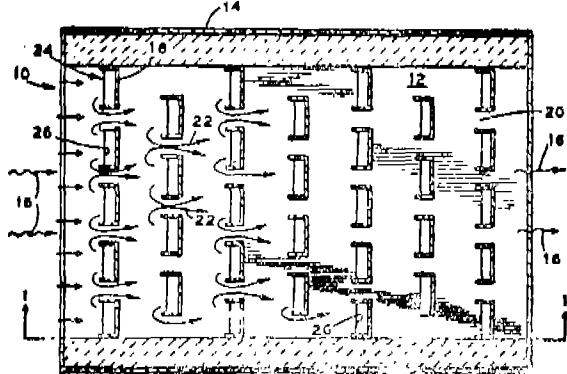
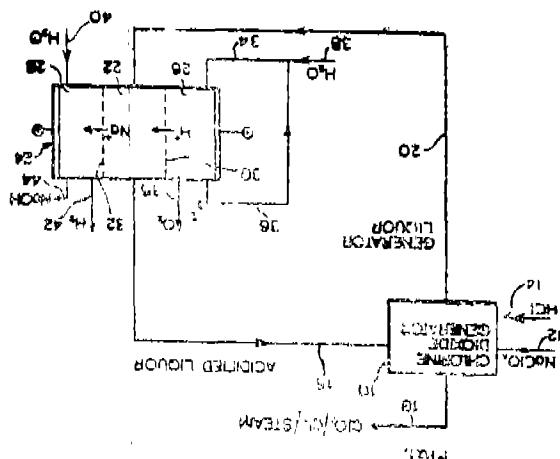


FIG 2



Compl. specn. 11 pages.

Drgns. 3 sheets.



Complete specification 19 pages

Drgns. 2 sheets

Ind. Cl. 39 B

174701

Int. Cl.<sup>4</sup> C 01 D. 1/04.

**"A PROCESS OR PRODUCTION OF CHLORINE DIOXIDE AND SODIUM HYDROXIDE".**

Applicant : TENNECO CANADA INC., A COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF THE PROVINCE OF ONTARIO, OF 2 GIBBS ROAD, ISLINGTON, ONTARIO, CANADA M9B 1R1.

Inventor : ZBIGNIEW TWAROWSKI.

Application No. : 1076/DEL/88 filed on : 7-12-88.

Convention date : 26-7-88/573065/CANADA.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office Branch, New Delhi-110 005.

7 Claims

An integrated method for the production of chlorine dioxide and sodium hydroxide, which comprises (a) reacting in any conventional manner sodium chloride with hydrochloric acid in reaction zone to form chlorine dioxide and an aqueous effluent containing sodium chloride; (b) recovering chlorine dioxide from the reaction zone ; characterised by (c) passing the aqueous effluent to the central compartment of a three-compartment electrolytic cell divided into an anode compartment, the central compartment and a cathode compartment by two cation-exchange membranes located between the anode and cathode of the cell; (d) electrolytically forming hydrogen ions from an electrolyte of the kind as hereinbefore described in the anode compartment of the three-compartment electrolytic cell and transferring the electrolytically-formed hydrogen ions from the anode compartment to the central compartment of the three-compartment electrolytic cell across one of the cation-exchange membranes to form hydrochloric acid therein; (e) electrolytically forming hydroxyl ions from an electrolyte of the kind as hereinbefore described in the cathode compartment of the three-compartment electrolytic cell and transferring sodium ions from the central compartment to the cathode compartment across the other of the cation-exchange membranes to form sodium hydroxide therein; (f) forwarding effluent from the central compartment to the reaction zone to provide part of the hydrogen chloride required for the reaction with sodium chloride and (g) recovering sodium hydroxide solution from the cathode compartment.

Ind. Cl. : 107 F

174702

Int. Cl.<sup>4</sup> : F 02P 15/00.

**"MULTIPLE HEAT RANGE SPARK PLUG FOR AN INTERNAL COMBUSTION ENGINE".**

Applicant & Inventor : WILLIAM P. STRUMBOS, OF 85 MIDDLEVILLE ROAD, NORTHPORT, STATE OF NEW YORK, UNITED STATES OF AMERICA.

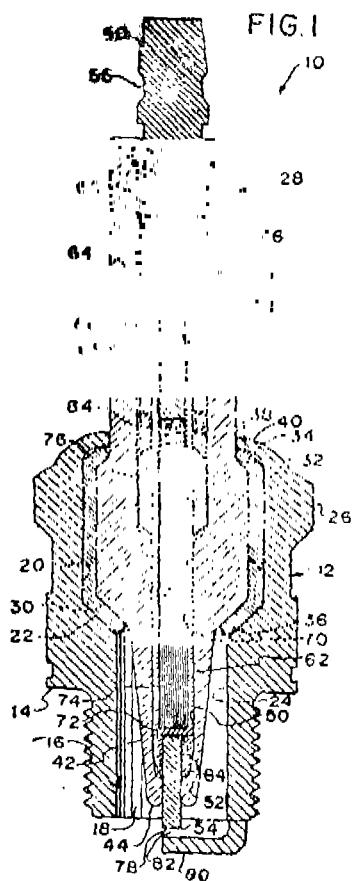
Application for Patent No. 124/Del/89 filed on 8th February, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

12 Claims

A multi heat range spark plug for an internal combustion engine, said spark plug automatically varying its operating temperature in accordance with changes in the combustion temperatures within the engine, said spark plug having a terminal end and an inner firing end, an annular metal shell, a ground electrode carried by said metal shell, said metal shell having external threads for engagement in the engine cylinder head, an electrical insulator received in a bore provided in said metal shell, said insulator having an inner end nose portion which is tapered and is radially spaced from the bore of said shell, a center conductor assembly received in a center bore in said insulator, said center conductor assembly having at least an electrical terminal, a center conductor shank, a heat transfer means, means for filling said heat transfer means, and a center electrode positioned with respect to said ground electrode to provide a spark gap therebetween, said heat transfer means having hermetically sealing means and containing a vaporizable heat transfer medium and a vaporization zone at the lower end of said heat transfer means and a condensation zone at an upper end of said heat transfer means with an adiabatic zone therebetween, a heat conducting means in thermal contact with said condensation zone for extracting heat therefrom for dissipation substantially into said engine, said heat transfer means being of material which is thermally non-conducting below a predetermined temperature such that said spark plug firing end runs hot to burn off fouling deposits settling thereon and said vaporizable medium in said heat transfer

means being vaporizable above said predetermined temperature whereby change of state of said vaporizable medium extracts heat from said firing end.



Complete specification : 16 pages.

Drgs. 2 sheets

IND. CL. : 208

174703

Int. Cl. : B41J 27/00, 31/00

**"RE-INKING DEVICE AND METHOD"**

Applicant : CHUNG SENG YOOK C/O 205, BALES-TIER ROAD, 03-01 RUBY PLAZA, SINGAPORE 1232, (A SINGAPORE NATIONAL)

Inventor : CHUNG SENG YOOK

Application for Patent No. 287/Del/89 filed on 29th March, 1989.

Post dated to 6-4-89.

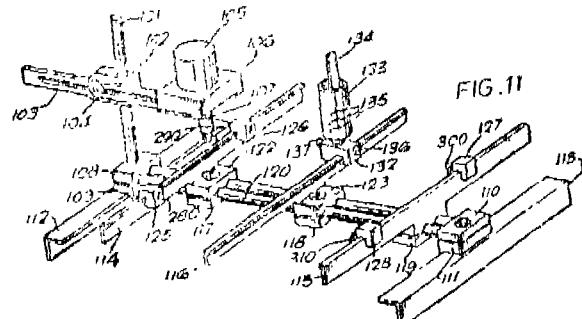
Conventional data : 6-4-1988 8808028.8 U.K.; 20-6-1988 8814575.0 U.K. and 23-7-1988 8817628.4 U.K.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, New Delhi-110 005.

**(CLAIMS 10)**

A re-inking device for a cassette-housed fabric ribbon, the cassette being of the type having a ribbon exit opening and a ribbon feed opening with an exposed free run section or the ribbon therebetween, the cassette having a rotatable drive mechanism to feed ribbon between said exist opening and said feed opening to expose a free run section of the ribbon, the device comprising a base upon which is mounted cassette support means cassette location means rotational drive,

means for the cassette drive mechanism and reservoir means having an ink dispensing outlet engageable by the free run section of the ribbon characterised in that each of the said support means, the said location means, the said rotational drive means and the said reservoir means being to one side of the base, and each of the said support means, the said location means, the said rotational drive means and the said reservoir means can be moved to different locations of the base.



IND. CL. : 109

174705

Int. CL<sup>4</sup> : A 44C 13/00, 27/00**"A METHOD OF MANUFACTURING A HOLLOW JEWELLERY OBJECT."**

Applicant : DAYA RANJIT SENANAYAKE, 9, ECRIN PLACE, COLOMBOS, SRI LANKA (A SRI LANKAN NATIONAL)

Inventor : DAYA RANJIT SENANAYAKE

Application for Patent No. 804/Del/89 filed on 5th September, 1989.

Conventional data : 9-9-1988 9934 Sri Lanka

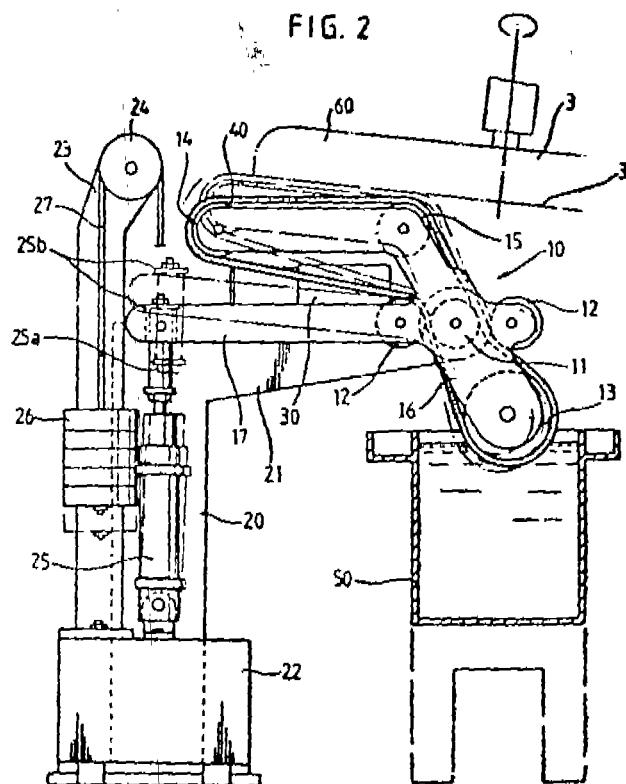
Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, New Delhi-110 005.

**(CLAIMS 9)**

A method of manufacturing a hollow jewellery object which includes the steps of (a) applying a first coating to only a part of a mandrel (10), the mandrel being of an insulating material and having an external surface, the said first coating being of an electrically conducting material, whereby following step (a) said mandrel has a coated part and an uncoated part, (b) presenting the coated mandrel for a dip into a first electrolyte whilst the said first coating is connected as a cathode so that positive ions from the electrolyte form a first deposit on the coating, (c) removing the mandrel from the said first electrolyte, (d) applying an electrically conductive second coating to a proportion of said uncoated part of the mandrel, and (e) presenting the mandrel for a second dip into a second electrolyte while the mandrel second coating is connected as a cathode to form a second deposit as an outer mandrel shell (26) wherein said mandrel has indentations (18), said indentations being coated to form said coated part and in that the indentations are continuous whereby the first deposit forms internal ribs (28) adapted to provide support for the outer shell (26).

Complete Specification 13 pages

Drawing 1 sheet

**FIG. 2**

[Complete Specification 15 pages]

Drawing sheets 4]

IND. CL. : 194 C<sub>1</sub>

174706

Int. CL<sup>4</sup> : H 01 J 9/00**"CLEANING DEVICE FOR THE SEALING PORTION OF THE PANEL OF A COLOR CATHODE RAY TUBE"**

Applicant : SAMSUNG ELECTRON DEVICES CO. LTD., A KOREAN CORPORATION, 575 SHIN-RI, TAEAN-EUB, HWASEONG-GUN, KYUGGI-DO, KOREA,

Inventor(s) : (1) DAL-JUNG YUN

Application for Patent No. 977/Del/89 filed on 24th October, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

**[CLAIMS 8]**

A cleaning device for the sealing portion of the panel of a color cathode ray tube comprising; a cleaning fluid tank for storing a cleaning fluid; a cleaning belt running through the interior of said cleaning fluid tank and a closed space formed above said tank; rollers for guiding said cleaning belt; and a means for contacting and separating said cleaning belt to and from said sealing portion of the panel, characterized in that at least two upper rollers of said rollers are installed on an approximately same horizontal level at a predetermined interval between them so as for the cleaning belt guided by said rollers to run substantially in horizontal path when running the uppermost portion of the running track.

IND. CL. : 194 C<sub>1</sub>

174707

Int. CL<sup>4</sup> : H04N 9/00**"A PANEL FOR COLOR CATHODE RAY TUBE"**

Applicant : SAMSUNG ELECTRON DEVICES CO. LTD., A KOREAN CORPORATION, 575 SHIN-RI, TAEAN-EUB, HWASEONG-GUN, KYUGGI-DO, KOREA,

Inventor(s) : MIN-SOO KIM.

Application for Patent No. 979/Del 89 filed on 24th October, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

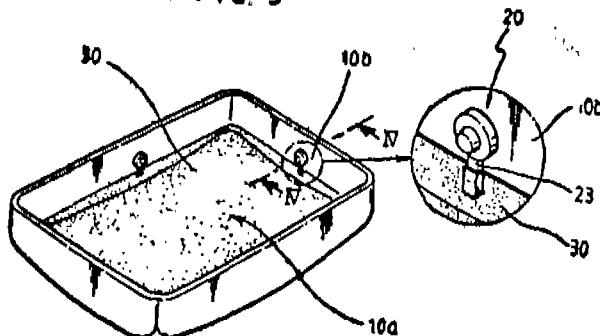
**[CLAIMS 2]**

1. A panel for a color cathode ray tube, said panel comprising a front face portion surrounded by a skirt portion, an aluminium coating layer formed on the inner face of said panel and two or more stud pins installed on the inside of the skirt portion of the panel; characterised in that each of said stud pin is provided with an extended portion being secured to the inner face of said skirt portion facing said inner

bottom face of said panel so that said aluminum coating layer is coated on the said extended portion.

a second switching means connected to said warning means for switching said warning means, said second switching being operated in accordance with a voltage of said DC.

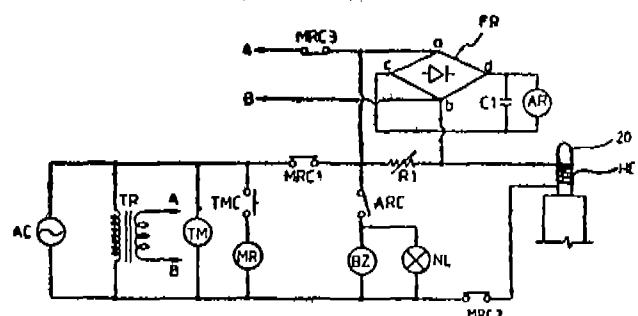
FIG. 3



[Complete Specification 9 pages]

Drawing sheets 2]

FIG. 2



[Complete Specification 12 pages]

Drawing sheets 3]

IND. CL. : 194 C<sub>1</sub>

174708

Int. Cl. : H04N /00.

"WIRE-BREAK WARNING APPARATUS FOR A HEATING DEVICE OF DUST REMOVING ULTRASONIC HORN"

Applicant : SAMSUNG ELECTRON DEVICES CO. LTD., A KOREAN CORPORATION, 575 SHIN-RI, TAEAN-EUB, HWASEONG-GUN, KYUGGI-DO, KOREA.

Inventor(s) : (1) KI-HYUN SEO

Application for Patent No. 1021/Del/89 filed on 7th November, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

## [CLAIMS 2]

1. A wire-break warning apparatus for a heating device of dust removing ultrasonic horn comprising :

a voltage lowering means for stepping down a voltage of a first AC from an AC input power source, said first AC being supplied to a high frequency inductive heating coil of said dust removing ultrasonic horn;

a voltage supply controlling means for determining the supplying time and the blocking time of said first AC voltage, said voltage supply controlling means being coupled to said dust removing ultrasonic horn and said voltage lowering means;

a first switching means for supplying or blocking said first AC provided between said voltage controlling means and said high frequency inductive heating coil, said first switching means being operated by said voltage supplying controlling means;

a voltage detecting means for detecting a break of said high frequency heating coil by a detection of said voltage, said voltage detecting means being connected in series between said first switching means and said dust removing ultrasonic horn;

a rectifying means for converting a second AC into a DC, said second AC being supplied from said voltage lowering means, a first input terminal of said rectifying means being connected to said first switching means and a first end of said voltage detecting means and a second input terminal of said rectifying means being connected to a second end of said voltage detecting means;

a warning means connected to said rectifying means for warning a wire-break of said high frequency inductive heating coil; and

IND. CL. : 143D<sub>2</sub>

174709

Int. CL. : B 65B 45/00, 47/00, 51/00

## "GRANULAR MATERIAL PACKING APPARATUS"

Applicant : SAMSUNG ELECTRON DEVICES CO. LTD., A KOREAN CORPORATION, 575 SHIN-RI, TAEAN-EUB, HWASEONG-GUN, KYUGGI-DO, KOREA.

Inventor(s) : (1) BEOM-JU KANG

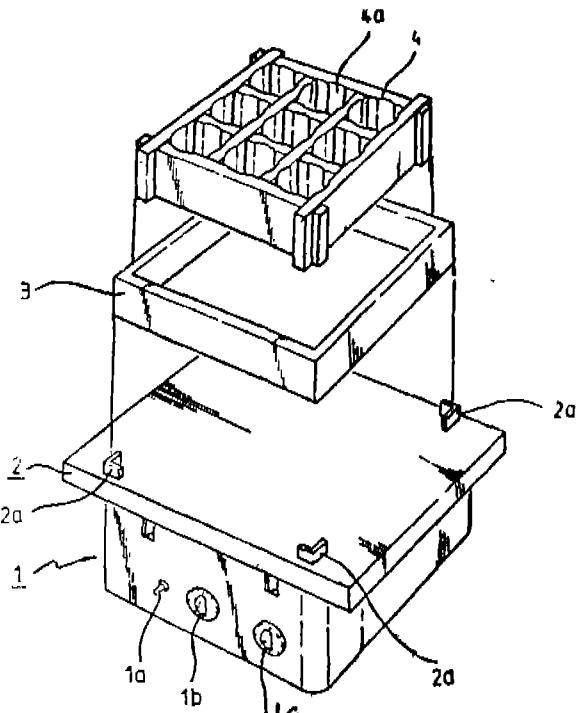
Application for Patent No. 1022/Del/89 filed on 7th November, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

## [CLAIMS 3]

1. A granular material packing apparatus comprising : a table for monitoring container filled with granular materials to be packed, and

a vibrator connected to said table for vibrating said table for a predetermined time and amplitude.



[Complete Specification 9 pages]

Drawing sheets 2]

IND. CL. : 109

174710

Int. Cl. : B 23D, 45/14, 45/20

## AN APPARATUS FOR MARKING AND SAWING PYRAMID SHAPED DIAMONDS

Applicant : DAYA RANJIT SENANAYAKA, 9 ECRU PLACE, COLOMBO 8 SRI LANKA (A NATIONAL AND RESIDENT OF SRI LANKA)

Inventor : DAYA RANJIT SENANAYAKA,

Application for Patent No 1055 Del 89 filed on 15th November, 1989.

Conventional date : 16-11-1988 Sri Lanka 9954

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 043.

## (CLAIMS 4)

An apparatus for marking and sawing pyramid shaped diamonds from a sawable diamond comprising a frame having a spindle, the said spindle could revolve and move upward, downward or sideways to adjust sizes of diamonds, the said frame has parallel bars at the top and bottom of the said frame, at least one marking pen or laser is fixed to the said frame so that it can be held parallel and moved vertically and horizontally on the parallel bars.

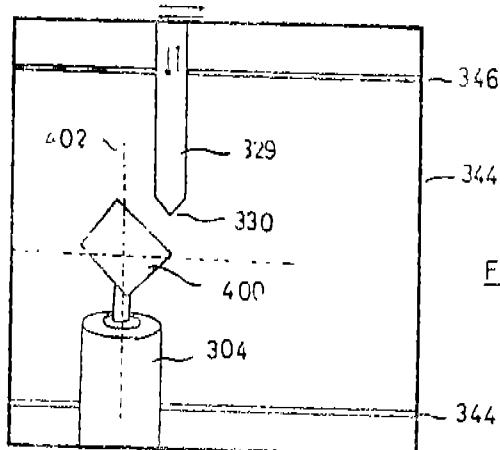


FIG. 11

Complete Specification 15 pages :

Drawing 3 sheets

## PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specification are available for sale from the Patent Office, Calcutta, and its branches at Bombay, Madras, and Delhi at two rupees per copy :—

## (1)

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## PATENT SEALED ON

20-1-95

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173703 173704 173705\*D 173706\*F.

Cal-08, Del-01, Bom-Nil &amp; Mas-32.

\*Patent shall be deemed to be endorsed with the words "LICENCE OF RIGHT" Under Section 87 of the Patents Act, 1970, from the date of expiration of three years from the date of sealing.

## D—DRUG PATENT F—FOOD PATENT

## AMENDMENTS PROCEEDED UNDER SECTION 57

Notice is hereby given that ANSTALT GERSAN, Staedtle 36, 9490 Vaduz, Liechtenstein, a company organised and existing under the Laws of the principality of Liechtenstein, have made an application under Section 57 of the Patents Act, 1970, for amendment of application and application of their application for patent No. (170331) 577/MAS/89 for AN APPARATUS FOR SENSING DISPLACEMENT.

The amendments are by way of correction. The application for amendments and the proposed amendments can be inspected free of charge at the Patent Office Branch, 61 Wallajah the date of Notification at the Patent Office Branch, Madras-2, Road, Madras-600 002, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of opposition on a prescribed Form-30 within 3 months from the date of Notification at the Patent Office Branch, Madras-2. If the written statement of opposition is not filed with the Notice of opposition it shall be left within one month from the date of filing the said Notice.

Notice is hereby given that ANSTALT GERSAN, Staedtle 36, 9490, Vaduz Liechtenstein, a Liechtenstein Company have made an application under Section-57 of the Patent's Act, 1970, for amendment of application and application of their application for Patent No. 578/Mas/89 (170332) for AN APPARATUS FOR INDIVIDUAL-LY WEIGHING A NUMBER OF OBJECTS IN SUCCESSION. The amendments are by way of correction. The applications for amendments and the proposed amendments can be inspected free of charge at the Patent Office Branch, 61, Wallajah Road, Madras-600 002, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of opposition on prescribed Form-30 within 3 months from the date of Notification at the Patent Office Branch, Madras-2. If the written statement of opposition is not filed with the Notice of opposition it shall be left within one month from the date of filing the said Notice.

Notice is hereby given that ANSTALT GERSAN, Staedtle 36, 9490, Vaduz Liechtenstein, a Liechtenstein Company of Liechtenstein have made an application under Section 57 of the Patents Act, 1970, for amendment of application and application of their application for Patent No. 170333, 579/MAS/79 for AN APPARATUS FOR INDIVIDUALLY WEIGHING A NUMBER OF OBJECTS IN SUCCESSION. The amendments are by way of correction. The application for amendments and the proposed amendments can be inspected free of charge at the Patent Office Branch, 61 Wallajah Road, Madras-600 002, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of opposition on prescribed Form-30 within 3 months from the date of Notification at the Patent Office Branch, Madras-2. If the written statement of opposition is not filed with the Notice of opposition it shall be left within one month from the date of filing the said Notice.

Notice is hereby given that FOSBEL INTERNATIONAL LIMITED, a British company of 285 Long Acre, Neshells, BIRMINGHAM B7 5JR, England have made an application under Section 57 of the Patents Act, 1970, for amendment of application and specification of their application for Patent No. 598/Mas/88 (171909) for APPARATUS FOR USE IN EXOTHERMIC REFRactory DEPOSITION. The amendments are by way of correction. The application for amendments and the proposed amendments can be inspected free of charge at the Patent Office Branch, 61 Wallajah Road, Madras-600 002, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of opposition on prescribed Form-30 within 3 months from the date of Notification of the Patent Office Branch, Madras-2. If the written statement of opposition is not filed with the Notice of opposition it shall be left within one month from the date of filing the said Notice.

Notice is hereby given that LONDON LABORATORIES LIMITED, a Connecticut Corporation, of 15 Lunar Drive, Woodbridge, Connecticut 06526, U.S.A. have made an application under Section 57 of the Patents Act, 1970, for amendment of application and application of their application for Patent No. 361/MAS/91 (172559) for AN IMPROVED METHOD OF PRODUCING SILVER COATED SUBSTRATES BY ELECTROLESS DEPOSITION OF SILVER ON THE SUBSTRATE. The amendments are by way of correction. The application for amendments and the proposed amendments can be inspected free of charge at the Patent Office Branch, 61 Wallajah Road, Madras-600 002, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of opposition on prescribed Form-30 within 3 months from the date of Notification at the Patent Office Branch, Madras-2. If the written statement of opposition is not filed with the Notice of opposition it shall be left within one month from the date of filing the said Notice.

Notice is hereby given that HELIFAL PTY LTD. a company incorporated in the State of Western Australia of 15 Alness Street, Applecross in the State of Western Australia, Commonwealth Australia, have made an application under Section 57 of the Patents Act, 1970, for amendment of application and specification of their application for Patent No. 2/MAS/89 (172801) for A SEAL FOR USE BETWEEN A PAIR OF SUBSTANTIALLY CONCENTRIC ELEMENTS CAPABLE OF RELATIVE MOVEMENT WITH RESPECT TO EACH OTHER. The amendments are by way of correction. The application for amendments and the proposed amendments can be inspected free of charge at the Patent Office Branch, 61 Wallajah Road, Madras-600 002, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of opposition on prescribed Form-30 within 3 months from the date of Notification at the Patent Office Branch, Madras-2. If the written statement of opposition is not filed with the Notice of opposition it shall be left within one month from the date of filing the said Notice.

Notice is hereby given that THE ENGLISH ELECTRIC COMPANY OF INDIA LTD., P. O. Box No. 2, Pallavaram, Madras, have made an application under Section 57 of the

Patents Act, 1970, for amendment of application and application of their application for Patent No. 172807 for AN ELECTROMAGNETIC OVER CURRENT SENSOR. The amendments are by way of correction. The application for amendments and the proposed amendments can be inspected free of charge at the Patent Office Branch, 61 Wallajah Road, Madras-600 002, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of opposition on prescribed Form-30 within 3 months from the date of Notification at the Patent Office Branch, Madras-2. If the written statement of opposition is not filed with the Notice of opposition it shall be left within one month from the date of filing the said Notice.

Notice is hereby given that VIEW-MASTER IDEAL GROUP INC., a Delaware corporation, United States of America, of 200 Fifth Avenue, New York, New York 100 10, U.S.A. have made an application under Section 57 of the Patents Act, 1970, for amendment of application and application of their application for Patent No. 36/MAS/91 (173168) for A STEREOSCOPIC VIEWER.

The amendments are by way of correction. The application for amendments and the proposed amendments can be inspected free of charge at the Patent Office Branch, 61 Wallajah Road, Madras-600 002, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of opposition on prescribed Form-30 within 3 months from the date of Notification at the Patent Office Branch, Madras-2. If the written statement of opposition is not filed with the Notice of opposition it shall be left within one month from the date of filing the said Notice.

#### ALTERATION OF DATE UNDER SECTION-16

174692 antedated to 28th September, 1990.  
(323/Cal/92).

174693 antedated to 25th January, 1989.  
(415/Cal/92).

174696 antedated to 27th March, 1989.  
(772/Cal/92).

174700 antedated to 19th October, 1989.  
(382/Cal/93).

#### RENEWAL FEES PAID

153251	154634	155249	156163	156218	156767	156935
157061	157109	158379	158440	158459	158497	158554
159098	159148	159595	159685	159964	160355	160532
160590	160877	160932	161338	161379	161750	161927
162146	162373	162556	162646	162655	162733	163076
163309	163748	163898	164011	164038	164117	164277
164340	164453	164616	164649	164725	164727	164757
164866	164933	164969	165059	165413	165429	165755
166067	166070	166322	166403	166404	166406	166411
166551	166634	166920	166974	167038	167269	167380
167486	167657	167726	167727	167738	167867	167895
167928	167929	167940	167969	168054	168105	168135
168197	168263	168294	168301	168346	168702	168810
168824	168835	169082	169390	169432	169510	168775
169911	169921	169922	170001	170119	170139	170459
170660	170715	170828	170829	170833	170933	171084
171093	171095	171132	171204	171310	171330	171375
171407	171410	171708	171709	171895	171971	172036
172037	172161	172163	172248	172346	172355	172377
172381	172389	172391	172392	172426	172428	172461
172462	172468	172511	172513	172514	172515	172523
172524	172536	172562	172563	172611	172614	172674
172711	172712	172713	172715	172918		

## CESSATION OF PATENTS

161760	164588	164600	164620	164630	164646	164655
164556	164962	164649	164680	164685	164691	164705
164709	164713	164721	164721	164721	164760	164769
164780	164797	164798	164811	164829	164859	164851
164852	164905	164917	164938	164940	164993	164994
164997	165039	165045	165072	165073	165075	165079
165094	165109	165129	165129	165129	165127	165130
165137	165144	165145	165152	165152		

## RESTORATION PROCEEDINGS

(1)\*

Notice is hereby given that an application for restoration of Patent No. 161462 dated the 15th October 1984 made by Ron Allan Industries (Australia) Pty. Ltd. on the 15th June 1994 and notified in the Gazette of India Part III, Section 2 dated the 27th August, 1994 has been allowed and the said Patent Restored.

(2)

Notice is hereby given that an application for restoration of Patent No. 163657 dated the 21st June, 1985 made by Metacon Ag. on the 8th June, 1994 and notified in the Gazette of India Part III, Section 2 dated the 27th August, 1994 has been allowed and the said patent restored.

(3)

Notice is hereby given that an application for restoration of Patent No. 164014 dated the 21st June, 1985 made by Metacon Ag. on the 8th June, 1994 and notified in the Gazette of India Part III, Section 2 dated the 27th August, 1994 has been allowed and the said Patent restored.

(4)

Notice is hereby given that an application for restoration of Patent No. 164334 dated the 21st June, 1985 made by Metacon Ag. on the 8th June, 1994 and notified in the Gazette of India Part III, Section 2 dated the 27th August, 1994 has been allowed and the said Patent restored.

(5)

Notice is hereby given that an application for restoration of Patent No. 165740 dated the 30th July, 1986 made by Wagner International Ag & J. Wagner GmbH on the 26th July, 1994 and notified in the Gazette of India Part III, Section 2 dated the 24th September, 1994 has been allowed and the said Patent restored.

(6)

Notice is hereby given that an application for restoration of Patent No. 168810 dated the 13th May, 1988 made by Kumar Krishna Rehatgi on the 2nd May, 1994 and notified in the Gazette of India Part III, Section 2 dated the 6th August, 1994 has been allowed and the said Patent restored.

(7)

Notice is hereby given that an application for restoration of Patent No. 169053 dated the 1st July, 1988 made by Oki Electric Industry Co. Ltd. on the 1st July 1994 and notified in the Gazette of India Part III, Section 2 dated the 24th September, 1994 has been allowed and the said patent restored.

(8)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 170423 granted to Indian Institute of Science for an invention relating to "an improved process for the preparation of a porous carbon electrode having platinum deposited as a catalyst thereon for use in fuel cells."

The Patent ceased on the 8th December, 94 due to non-payment of renewal fees within the prescribed time and the cessation of the Patent will be notified in the Gazette of India, Part III, Section 2 dated the 11th February 1995.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700020 on or before 18-4-95 the under Rule 69 of the Patents Rules 1972. A written Statement in triplicate setting out the nature of the opponents interest, the facts upon which he basis his case and the relief he seeks shall be filed with the notice or within one month from the date of the notice.

(9)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 172246 granted to Ram Jibin Bhattacharya for an invention relating to "an improved Keyboard musical instrument having twenty two notes per octave."

The Patent ceased on the 10th November 1994 due to non-payment of renewal fees within the prescribed time and the cessation of the Patent will be notified in the Gazette of India, Part III, Section 2 dated the 11th February 1995.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700020 on or before 18-4-95 the under Rule 69 of the Patents Rules 1972. A written Statement in triplicate setting out the nature of the opponents interest, the facts upon which he basis his case and the relief he seeks shall be filed with the notice or within one month from the date of the notice.

(10)

Notice is hereby given that an application was made under Section 60 of the Patents Act 1970 for the restoration of Patent No. 172444 granted to T. Damodara Rao for an invention relating to "permeable well block."

The Patent ceased on the 23rd November 1994 due to non-payment of renewal fees within the prescribed time and the cessation of the Patent will be notified in the Gazette of India, Part III, Section 2 dated the 11th February 1995.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700020 on or before 18-4-95 the under Rule 69 of the Patents Rules 1972. A written Statement in triplicate setting out the nature of the opponents interest, the facts upon which he basis his case and the relief he seeks shall be filed with the notice or within one month from the date of the notice.

## REGISTRATION OF DESIGN

The following designs have been registered. They are not open to inspection for Period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 3. No. 166697 & 167606, Union Carbide India Limited, an Indian company of 1, Middleton Street, Calcutta-71, West Bengal, India "Torch", 14th January 1994 & 7th June 1994 respectively.

Class 3. No. 167439, Philips Electronics N.V., a limited liability company organized and established under the laws of the Kingdom of the Netherlands, carrying on business at Groenewoudseweg 1, Eindhoven, The Netherlands, 16th March 1994, "Radio Receiver."

Class 3. No. 167713, Philips Electronics N. v., a limited liability company organized and established under the laws of the Kingdom of the Netherlands carrying on business at Groenewoudseweg 1, Eindhoven, The Netherlands "Citruspress", 29th June 1994.

Class 3. No. 167620 & 167621, Packard Bell Electronics INC., a corporation organized under the laws of the state of Delaware U. S. A. cf 31717 La Tienda Drive, Westlake Village, California 91362, United States of America, "A Desktop Computer", 13th June 1994.

- Class 3.** No. 167622, Packard Bell Electronics, INC., a corporation organized under the laws of the state of Delaware, U. S. A., of 31717 La Tienda Drive, Westlake Village, California 91362, United States of America, "A Computer Display Monitor", 13th June 1994.
- Class 3.** No. 167623, Packard Bell Electronics, INC., a corporation organized under the laws of the state of Delaware, U. S. A., of 31717 La Tienda Drive, Westlake Village, California 91362, United States of America, "A Computer", 13th June 1994.
- Class 3.** No. 166543 & 166544, Wipro Limited, a company incorporated under the Indian Companies Act, 1956 having its office at Bakhawar, 14th floor, 229, Nariman Point, Bombay-21, Maharashtra, India, "Lighting Apparatus". 3rd December 1993.
- Class 3.** No. 167028 & 167029, Manak Chand Jain, of 41A, Virwani Industrial Estate, Goregaon (E), Bombay-63, Maharashtra, India, "Ball Pen", 17th March 1994.
- Class 3.** No. 165989 & 165990, Viggo Spectramed A, of Gasebackvagen 36, Box 631, S 251 06 Helsingborg Sweden, a Swedish company, "Infusion Cannula", 5th August 1993.
- Class 3.** No. 167737, Boston Appliances, A 27, 1st floor, Kiran Industrial Estate, M.G. Road, Goregaon (W), Bombay-62, Maharashtra, India, a proprietary concern, "Chu'ney Attachment", 1st July 1994.
- Class 3.** No. 167912, Eastern Medikit Ltd., an Indian company incorporated under the Indian companies Act, No. 22, Greater Kailash Part I, New Delhi, India, "Intravenous Cannula with Elevated Port", 18th August 1994.
- Class 3.** No. 167913, Eastern Medikit Ltd., an Indian company incorporated under the Indian companies Act, No. 22, Greater Kailash Part I, New Delhi, India, "Intravenous Cannula", 18th August 1994.
- Class 3.** No. 167818 & 167819, Crystal Plastics & Metallizing Pvt. Ltd., having its registered office at Sanghi House, Palkhi galli, Off Veer Savarkar Marg, Prabhadevi, Bombay-400025, Maharashtra, India, "Comb", 26th July 1994.
- Class 3.** No. 167828 & 167829, Ajay Home Products (P) Limited, C 114, Naraina Industrial Area, Phase I, New Delhi-110028, India, "Tooth Brush Handle" 28th July 1994.
- Class 3.** No. 166623, Hindustan Lever Ltd., a company incorporated under the Indian Companies Act, 1913, registered office of which is at 165/166 Backbay Reclamation, Bombay-400020, Maharashtra, India, "Dual Compartment Dispenser", 28th December 1993.
- Class 3.** No. 166325, Hindustan Lever Ltd., a company incorporated under the Indian Companies Act, 1913, registered office of which is at 165/166 Backbay Reclamation, Bombay-400020, Maharashtra, India, "Infusion Packet" 7th October 1993.
- Class 3.** No. 167022, The Gillette Company, a corporation organised and existing under the laws of the State of Delaware, United States of America, of Prudential Tower Building, Boston, State of Massachusetts 02199, United States of America, "Razor", 16th March 1994.
- Class 3.** No. 166877, The Gillette Company, a corporation organised and existing under the laws of the State of Delaware, United States of America, of Prudential Tower Building, Boston, State of Massachusetts 02199, United States of America, "Razor", 23rd February 1994.
- Class 3.** No. 167210, Motorola INC., a corporation of the State of Delaware, United States of America of 1303 East Algonquin Road, Schaumburg, Illinois 60196, U. S. A., "Selective Receiver", 19th April 1994.
- Class 3.** No. 167716, Motorola INC., a corporation of the State of Delaware, United States of America of 1303 East Algonquin Road, Schaumburg, Illinois 60196, U. S. A., "Selective Call Message Receiver", 29th June 1994.
- Class 3.** No. 167555, Gerard Industries Pty Ltd of 12 Park Terrace, Bowden, South Australia, Australia, "An Electrical Accessory Mounting Plate with Cover Plate", 24th May 1994.
- Class 3.** 167186, Freemans Measures Limited, an Indian company at Ferozepore Road, Ludhiana-141001, Punjab, India, "Measuring Tape", 12th April 1994.
- Class 3.** No. 166837, WM. Wrigley Jr. Company, a corporation organized and existing under the laws of the state of Delaware, U. S. A., of 410 North Michigan Avenue, Chicago, Illinois 60611, United States of America, "Hexagonal Container", 14th February 1994.
- Class 3.** No. 167592 to 167596, Dunlop India Limited, Dunlop House, 57B Mirza Ghalib Street, Calcutta-700016, West Bengal, India, a Indian company "Tyre". 3rd June 1994.
- Class 3.** No. 167533, Dunlop India Limited, Dunlop House 57B Mirza Ghalib Street, Calcutta-700016, West Bengal, India, "Tyre", 19th May 1994.
- Class 3.** No. 166689 & 166690, Thermos Limited, a British Company of Ongar Road, Brentwood, Essex, CM 15 9AY, England, "A Jug", 12th July 1993.
- Class 3.** No. 166488, Sony Kabushiki Kaisha, trading as Sony Corporation, a Japanese corporation having its registered address at 6-7-35 Kitashinagawa, Shinagawa-Ku, Tokyo 141, Japan, "Rechargeable Battery", 11th November 1993.
- Class 3.** No. 167756, Dewan Tyres Limited, Rithani, Delhi Rd., Meerut-250002, U.P., India "Tyre", 11th July 1994.
- Class 3.** No. 167624, Sonoco Products Company, One North Second Street, Tartsville, South Carolina-29550, United States of America, a south Carolina corporation, "Drum", 13th June 1994.
- Class 3.** No. 167790, Moureen's Herb Care Products Private Limited, a company incorporated and existing under the Companies Act, 1956 having office at Gyan Ghar, 14th Road, Khar (W), Bombay-400052, Maharashtra, India, "Bottle Cap", 15th July 1994.
- Class 3.** No. 167532, Warner Lambert Company, a Delaware corporation, located at 201 Tabor Road, Morris Plains, New Jersey, 07950, U.S.A., "Faceted Bottle" 19th May 1994.
- Class 3.** No. 167193, Vijay Dalmoor Company 14, Lal Madhab Mukherjee Lane, Burrabazar, Calcutta-700007, India, a proprietary concern, "Poly Pack", 12th April 1994.
- Class 3.** No. 167313, Patton Tanks Limited, 3C, Camac Street, Calcutta-700016, West Bengal, India, "Insulated Storage Container", 2nd May 1994.
- Class 3.** No. 168187, Sega enterprises Ltd. of No. 2-12, Haneda 1 Chome, Ohto-Ku, Tokyo, Japan, "Auxiliary Connector for Storage Medium", 3rd October 1994.
- Class 3.** No. 167617, Bhagirathi Waters Pvt. Ltd., 206, Mittal Chambers, 8774, Rani Jhansi Road, Opp. Filmistan Fire Station, Karol Bagh, New Delhi-110005, India, "Bottle", 9th June 1994.

- Class 3. No. 167163, The Jay Engineering Works Ltd., 23 Kasturba Gandhi Marg, New Delhi-110001, India, "Cover for Sewing Machine", 6th April 1994.
- Class 3. No. 167589, CDG Plastic SDN BHD, a company incorporated in Malaysia, of No. 19—23 Jln Lengkuk Teluk Batu 1, AMJ Industrial Park off Jln Kebun, 41000 Klang, Selangor Darul Ehsan, Malaysia, "Container for Helmets", 6th December 1993.
- Class 3. No. Sukant Industries, a partnership firm, at 410 A, Byculla Service Ind., Dadaji Kanddeo Mai, Byculla, Bombay-27, Maharashtra, India, "Pencil Box", 31st May 1994.
- Class 3. No. 167710, Schweppes International Limited, of 25 Berkeley Square, London, W1X 6HT, England, "Bottle", 28th June 1994.
- Class 3. No. 167454, Schoeller Plast S.A., a Swiss company of 11, Route de La Condemne, CH 1680 Romont, Switzerland, "Bottle Crate", 11th May 1994.
- Class 3. No. 167424, Mrs. Pragna Pradip Kamdar, an Indian national, of 24, Allenby Road, Calcutta-700020, West Bengal, India, "A Syringe", 5th May 1994.
- Class 3. No. 167044, AMC International ALFA Metalcraft Corporation AG, Buonaeistrasse 30, CH 6343 Rotkreuz Switzerland, "Knob for a Lid", 21st March 1994.
- Class 3. No. 167514, Angel Packaging Pvt. Ltd, having office at Plot No. 415, G.I.D.C. Engineering Estate, Sector 28, Gandhinagar 382028, Gujarat, India, "Jerry Can", 16th May 1994.
- Class 3. No. 167604, Setron India Pvt. Ltd. E-282, Greater Kailash I, New Delhi-110048, India, "Door Viewer", 7th June 1994.
- Class 3. No. 167574, Sriuvasa Cys'ine Ltd., of G-2, Concorde Apartments, 6-3-658, Somajiguda, Hyderabad-500482, Maharashtra, India, "Can", 30th May 1994.
- Class 3. No. 167194, Modi Rubber Limited, of Modinagar-201204, U.P., India, "Tyre for Tractor", 12th April 1994.
- Class 3. No. 168089, Cussions International Ltd., a British Company, of Bridgewater House, 60 Whitworth Street, Manchester, M1 6 LU, England, "A Bottle", 13th September 1994.
- Class 3. No. 166861, Salzer Controla Limited, an Indian Company having its principal place of business at Samichettipalayam, Coimbatore-641047, Tamilnadu, India, "Contact Housing", 21st February 1994.
- Class 3. No. 167019, Bonne Care Pvt. Ltd. 48, S.S.I., G.T. Karnal Road, Delhi-110033, Delhi State, India, "Bottle", 16th March 1994.
- Class 3. No. 166897, Jalaram Plastic Industries, 10, Deven Ind. Estate, I. B. Patel Road, Goregaon (E), Bombay-63, Maharashtra, India, a proprietary concern, "Flat Lid of Mixer-Grinder", 28th February 1994.
- Class 3. No. 167392, Lakshmi Machine Works Limited, an Indian company having its registered office at Periannickenpalayam, Coimbatore-641020, Tamilnadu, India, "Traverse Guide for Speed Frame", 5th May 1994.
- Class 3. No. 167590, Asha Pen Maker, Rodrigues Building, Kirol, Vidyavihar (W), Bombay-82, Maharashtra, India, Proprietary concern "Pencil stand cum Multipurpose Geometry Instruments", 3rd June 1994.
- Class 3. No. 168185, Amusement Electronics Pvt. Ltd., a private limited company registered and incorporated in India under the provisions of the companies act, 1956 having its office at LG 16, Lusa Shopping Complex, Near Akash Cinema, Azadpur, Delhi-110033, India "Video Game Machine", 3rd October 1994.
- Class 3. No. 167644, Medi Products, Shri Chemical Compound, Opp : St. Pius College, Aarey Road, Goregaon (E), Bombay-400063 Maharashtra, India, an Indian Proprietary concern whose proprietor is MADHU PRABHUDAS SHAH, "Haircomb", 16th June 1994.
- Class 3. No. 167936, Smithkline Beecham P.L.C., a British Company of New Horizon Court, Brentford, Middlesex TW8 9EP, England, "Toothbrush", 22nd August 1994.
- Class 13. No. 167666, 167667, 167658 to 167662, Ravisant, a division of Vishal (P) Limited, an Indian company, 24 Nehru Place, New Delhi-110019, India, "Printed Cloth", 20th June 1994.

R. A. ACHARYA,  
Controller General of Patent,  
Design & Trade Marks

प्रवन्धक, भारत सरकार मुद्रणालय, फरीदाबाद इलाहा शहीद  
एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1995

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